

REMARKS

Applicant respectfully requests reconsideration of this application and consideration of the following remarks. Claims 36-53 were rejected under 35 U.S.C. 112, second paragraph. Claims 36, 43, 46, 47, 48 and 53 are amended to particularly point out and distinctly claim the subject matter. Claims 36, 37, 41-49, 54 and 55 were rejected: i) under 35 U.S.C. 102(a) as being anticipated by Tsukinokisawa (JP-09-311177-A, referred to as Tsukinokisawa thereafter); ii) under 35 U.S.C. 102(a) as being anticipated by Sommelet et al (FR-2761837-A1, referred to as Sommelet thereafter); and, iii) under 35 U.S.C. 102(e) as being anticipated by or in the alternative, under 35 U.S.C. 103(a) as obvious over Giniger et al. (US-6199045, referred to as Giniger thereafter). Claims 38-40, 50-53 and 56-58 were rejected under 35 U.S.C. 103(a) as being unpatentable over any one of Tsukinokisawa, Sommelet or Giniger in view of Girered et al. (WO-97/14054-A1, referred to as Girered thereafter). Claims 36, 43, 46-48, 53 and 54 are amended. New claims 59-61 are added. Thus, claims 36-61 are pending.

Claims 36, 37, 41-49, 54 and 55 were rejected in view of Tsukinokisawa, or Sommelet or Giniger. However, the prior art, including Tsukinokisawa, and Sommelet, shows that the mobile device generates data representing a position solution of the mobile communication device (e.g., the uncorrected position of the mobile device); and, the mobile device of the prior art sends the data representing the position solution of the mobile device to the remote server to request position-related information. The mobile device of Tsukinokisawa sends the uncorrected position of the mobile device to the service system to obtain the corrected position of the mobile device; the mobile device of Sommelet sends the position of the mobile device to the internet server to obtain navigation assistance; and, the mobile device of Giniger sends the position information of the mobile device to the central site server to retrieve corresponding position-related information. Thus, the mobile device in

the prior art generates data representing its position solution; and, the data representing the position solution is sent to a remote server from the mobile device in the request for additional information.

In one embodiment of the present invention, the mobile communication device indirectly provides information about its location to the web server (e.g., by a phone number, see page 46 of the specification). The request from the mobile communication device contains no data which is a position solution of the mobile communication device; and, the web server initiates a request to a location server for the position information of the mobile communication device. Amended claim 36 recites:

36. A method for providing information associated with a location of a mobile communication device, said method comprising:

receiving at a web server a request for information on the Internet from said mobile communication device, the request for information containing no data which is a position solution of said mobile communication device;

transmitting, from said web server to a location server, a request for [a] position information of said mobile communication device;

receiving from said location server a position of the mobile communication device and in response to the receiving of the position, providing, from the web server, information associated with the position to the mobile communication device.

*this is not
the instant
claim*

The web server initiates the request for the position information of the mobile communication device, since the request for information contains no data that represents a position solution of the mobile device and a position of the mobile device is needed to service the request from the mobile device. However, the mobile device in the prior art determines its own position; and, its position is sent to the server for position-related information.

Similarly, independent claims 47 and 54 are patentable over the prior art, since the mobile device of the prior art sends its position to the server as part of the request for additional information from the server. Dependent claims of claims 36, 47 and 54 are patentable over the prior art at least for the above reasons.

Further, the prior art does not disclose a system that has both a web server and a location server, where the web server requests position information from the location server and the web server provides information to the mobile device after receiving the position of the mobile communication device from the location server. In at least one embodiment of the present invention, a distributed server system includes a web server, an application server and a location server. The web server provides information, which may be position-related. The web server determines whether or not the position of the mobile device is required in order to service the request from the mobile device. When the position of the mobile device is required to service the request, the web server obtains the position of the mobile device from the location server. The application server can display the results of location information supplied by the location servers and permit auxiliary services (e.g., service management, such as subscriber management). Neither Tsukinokisawa, nor Sommelet, nor Giniger discloses a distributed processing system including a web server used as an interface for providing the information to the mobile device, a separate location server for determining the position of the mobile device in response to a request from the web server when the web server determines that the position of the mobile device is required to service the mobile device while no position is supplied with the request for information from the mobile device, and, a separate application server for service management (e.g., subscriber management, configuring application data, supporting external information systems related to the applications).

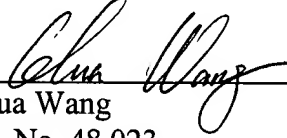
Applicant believes these claims are patentable over the prior art, including the art relied upon in the previous Office Actions.

Please charge any shortages or credit any overages to Deposit Account No. 02-2666.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

36. (amended) A method for providing information [associated with a location position of a mobile communication device] from a web server, said method comprising: receiving at [a] said web server a request for information, said request being received over [on] the Internet from [said] a mobile communication device, said request not including a position solution of said mobile communication device;
- transmitting, from said web server to a location server, a request for a position [information] of said mobile communication device;
- receiving from said location server [a] said position of [the] said mobile communication device and in response to [the] receiving [of the] said position, providing, from [the] said web server, information associated with [the] said position to [the] said mobile communication device.
37. (amended) [A method as in] The method of claim 36 wherein said mobile communication device comprises a Satellite Positioning System (SPS) receiver and a wireless communication system.
38. (amended) [A method as in] The method of claim 37 wherein said SPS receiver determines a plurality of pseudoranges to a corresponding plurality of SPS satellites and said wireless communication system transmits said plurality of pseudoranges for receipt by said location server.
39. (amended) [A method as in] The method of claim 38 wherein said location server transmits satellite information to said mobile communication device and wherein said SPS receiver receives said satellite information and determines said plurality

of pseudoranges based on said satellite information.

40. (amended) [A method as in] The method of claim 38 wherein said location server receives said plurality of pseudoranges and determines [the] said position of said mobile communication device based on said plurality of pseudoranges.
41. (amended) [A method as in] The method of claim 36 wherein said web server receives, from said location server, [the] said position of said mobile communication device.
42. (amended) [A method as in] The method of claim 41 wherein said web server initiates said request for said position information in response to said request for information [on the] over said Internet from said mobile communication device.
43. (amended) [A method as in] The method of claim 42 wherein said web server and said location server are [part of the same] in one computer system.
44. (amended) [A method as in] The method of claim 42 wherein said web server also functions as an application server.
45. (amended) [A method as in] The method of claim 42 wherein said information associated with [the] said position comprises location-based service information related to [the] said position of said mobile communication device.
46. (amended) [A method as in] The method of claim 36 wherein [said method is performed exclusively in] said web server and said location server are in one data processing system.

47. (amended) A method for providing information [associated with a location of a mobile communication device] from a location server, said method comprising: receiving, at [a] said location server, a request, from a web server, for a position [information] of a mobile communication device, said request being initiated by said web server after receiving a request for information [on] over the Internet from said mobile communication device, said request for information from said mobile communication device not including a position solution of said mobile communication device; transmitting from said location server to said web server [a] said position of said mobile communication device, wherein said [location] web server uses [the] said position to provide information associated with [the] said position to [the] said mobile communication device.
48. (amended) [A method as in] The method of claim 47 wherein [said method is performed by] said location server and said web server are in one data processing system.
49. (amended) [A method as in] The method of claim 47 wherein said mobile communication device comprises a Satellite Positioning System (SPS) receiver and a wireless communication system.
50. (amended) [A method as in] The method of claim 49 wherein said SPS receiver determines a plurality of pseudoranges to a corresponding plurality of SPS satellites and said wireless communication system transmits said plurality of pseudoranges for receipt by said location server.

51. (amended) [A method as in] The method of claim 50 wherein said location server transmits satellite information to said mobile communication device and wherein said SPS receiver receives said satellite information and determines said plurality of pseudoranges based on said satellite information.
52. (amended) [A method as in] The method of claim 50 wherein said location server receives said plurality of pseudoranges and determines [the] said position of said mobile communication device based on said plurality of pseudoranges.
53. (amended) [A method as in] The method of claim 52 wherein said web server and said location server are [part of the same] in one computer system.
54. (amended) A method in a mobile communication device for providing information [associated with a location of said mobile communication device], said method comprising:
transmitting over the Internet a request to a web server for information [on over the Internet], said web server, in response to said request, causing a location server to determine a position of said mobile communication device, said request not including a position solution of said mobile communication device;
receiving information associated with said position of [the] said mobile communication device, said receiving being in response to said web server receiving said position which was requested from said location server.
55. (amended) [A method as in] The method of claim 54 wherein said mobile communication device comprises a Satellite Positioning System (SPS) receiver

and a wireless communication system.

56. (amended) [A method as in] The method of claim 55 wherein said SPS receiver determines a plurality of pseudoranges to a corresponding plurality of SPS satellites and said wireless communication system transmits said plurality of pseudoranges for receipt by said location server.
57. (amended) [A method as in] The method of claim 56 wherein said location server transmits satellite information to said mobile communication device and wherein said SPS receiver receives said satellite information and determines said plurality of pseudoranges based on said satellite information.
58. (amended) [A method as in] The method of claim 56 wherein said location server receives said plurality of pseudoranges and determines [the] said position of said mobile communication device based on said plurality of pseudoranges.